

Dear Author,

Your paper may be eligible for our advance online publication (AOP) programme. In this programme, your paper will be published online on *Nature*'s website at www.nature.com/nature as soon it is typeset and your proof corrections returned. It will be published in print as soon afterwards as space is available. The two versions of the paper are identical.

Our offer of this service is conditional on your agreement to the following:

- Your text, figures and any supplementary information are **all** included when you send us the final version of your paper for formal acceptance, and are **all in**Nature-preferred format (within length and below maximum sizes) as specified in our format instructions at http://www.nature.com/nature/authors.
- The corresponding (or otherwise designated) author undertakes to read and return the proofs within 48 hours of their receipt.
- If figures are in colour, the corresponding author signs and returns the the colour-figure payment form*, before the paper is formally accepted.
- The corresponding author signs and returns the "author licence" form with the returned proof, **not later**.
- No changes can be made to the paper once the online version is published.

Please sign and return this letter, preferably scanned and uploaded with the final version of your manuscript, or fax letter to +44 207 843 4596 if this is not possible. Please specify below the author responsible for returning proofs if different from the corresponding author.

I agree to the above terms and conditions for AOP publication of my paper in Nature:

Name: ANDREW MCKENZIE AMM

Manuscript number: 2009 - 12 - 15203B

Name and contact details (phone, fax and email) of author responsible for returning proofs if not the corresponding author:

*Note, the offer of AOP publication is not related to authors' ability to contribute to costs of reproduction of colour figures.

Corresponding Author Name: ANDREW MKENZIE

Address: MRC-LMB, HILLS ROAD, CAMBRIDGE, CBZ OQH

Manuscript Reference Number: 2009-12-152033

COLOUR FIGURES IN NATURE

Nature is committed to providing authors with the highest quality figures, and we use the latest techniques to achieve this reproduction. We recognise, however, that excessive colour figure and page charges can sometimes place an enormous burden on authors. We therefore charge authors a fee of £735 for the first colour figure and £262.50 per figure for additional colour figures; this covers part, but not all, of our additional costs for four-colour reproduction. (Please note that in EU countries VAT will be added if you are unable to provide us with your VAT details below.)

No author will be denied publication based on his/her inability to meet these charges. If we agree that colour is essential but you are unable to meet the costs, they will be waived if you explain the circumstances to the editor who handled your manuscript before your paper is published. Otherwise you will be billed after publication.

PLEASE COMPLETE AND SIGN THE SECTION BELOW, DELETING WHICHEVER ALTERNATIVE DOES NOT APPLY, AND RETURN A COPY OF THIS SHEET TO NATURE.

- I agree to pay the sum requested by *Nature* in the event that colour is considered essential.
- □ I am unable to meet the costs of colour for the following reason:

For EU member countries, please tick the box and provide the VAT number if your Institution/University is exempt from VAT:

☐ My Institution/University is a VAT registered paying member of the EU

VAT NUMBER

G B

6 1 8 3 6 7 3 2 5

SIGNED: AUNG

NAME IN BLOCK LETTERS: AWOREW N.J. MYKENZIE



Manuscript nu	mber. 2009	1 - 1	2 -	. !	5	2	0	3 B
Author name.	DANIEL	NEI	LL.					
Article type	LETTER							

MANUSCRIPT CHECKLIST

The following checklist is intended to aid the publication of your manuscript. Please read through the list carefully and amend your manuscript as appropriate. To avoid delays in the production process, please complete and return this sheet with the final version of your manuscript.

*****	88		86
- 8	100	16.	200
8	83	3	# 8
- 3	8 .	1	& B

Nature will edit text to conform to house style and for clarity and accessibility. Please check the following points when preparing the final version of your manuscript.

Lett	ers to Nature
V .	Title no longer than 90 characters (including spaces)
1	First paragraph referenced and no longer than 300 words
V.	No subheadings in main text
	Methods for print no longer than 300 words

Online-only Methods provided as part of the main text file?

No more than 30 references

96		8	34		92		
A	50.6	8.	16	prin.	差	10%	0790
28	8	8	8	8 ×	嫠	8.3	Sec
2010	8	8.	8	8 ×	玄	St. 14	sc 38

□ Title no longer than 75 characters (including spaces)
 □ First paragraph unreferenced and no longer than 150 words
 □ No more than 6 main subheadings of up to 40 characters (including spaces)
 □ Methods for print no longer than 300 words
 □ Online-only Methods provided as part of the main text file?
 □ No more than 50 references

All manuscripts

Abbreviations and symbols defined on first use

Italic font used for variables, genes and non-English languages; bold font for vectors

Equations and special characters in Word in 'normal text' or Symbol font (Word Equation Editor avoided where possible)

Authored in Compatibility Mode if using Word 2007 (i.e., as a Word 97-2003 document; saved as .doc format, NOT .docx)

Brief title provided for each figure, table and box

Figure legends no more than 100 words each

Author contribution statement included (a statement of responsibility that specifies the contribution of every author; see http://www.nature.com/authors/editorial_policies/authorship.html)

Declaration of any competing interests included in manuscript (http://www.nature.com/nature/authors/policy/competing.html)

Database accession numbers included for sequences determined in this paper

Structure data in Nature standard tables

For TeX users

Word or rtf formats are preferred, unless there is very extensive use of special characters or equations. Such formats enable on-screen subediting and the preparation of a 'pre-proof', when the editing can be checked before formal proofs are prepared. We have found that this minimizes the chance of errors being inadvertently introduced.

☐ Word conversion not practicable

Artwork

Contact our subeditors at authors@nature.com for further help and advice on preparing text for publication.

Nature will edit figures to conform to house style and for clear reproduction in print. Standard figure sizes are 89 mm wide (single column) and 183 mm wide (double column); figures can also be a column-and-a-half width where necessary (120–136 mm). Please check the following points when preparing your figures.

Electronic figure formats

Preferred file formats for line (or vector) artwork and graphs are unflattened eps, postscript, pdf and Illustrator (ai) files

Preferred file formats for photographic images are TIFF and Photoshop (minimum resolution 300 dpi). If you have created images with separate components on different layers, please send us the Photoshop file (.psd) with the layers intact

For a full list of acceptable electronic formats, see http://www.nature.com/nature/authors/submissions/final

When preparing and sending figures

Text in an editable format and in sans serif font (Helvetica, Arial)

☑ Text and lines clearly visible when figure is sized for page: type size 6–8 point; lines preferably 0.5 point (0.18 mm)

Colour images in CMYK (not RGB) mode; ensure you are happy with the conversion from RGB to CMYK before submission

Suggestions for cover artwork submitted if desired

Completed colour costs form submitted with manuscript (http://www.nature.com/nature/authors/submissions/final/colfigs_Jan2009.pdf)

For reviews/Insight articles, permission obtained for any republished or redrawn illustrations

See http://www.nature.com/nature/authors/submissions/final/Final_artwork.pdf for detailed guidelines. For further help and advice, e-mail our art editors at art@nature.com.

Nature does not edit online-only material. Please check the following points when preparing Supplementary Information:

Supplementary Information

Supplementary Information referred to in main text (print version) of paper

Summary diagram/figure included as part of the Supplementary Information (optional)

Separate text file ('SI Guide') provided with a brief description (file format and content) of each item

We recommend that all Supplementary Information is supplied as a single PDF file, where possible.

See http://www.nature.com/nature/authors/submissions/final for advice on preparing Supplementary Information.

E-mail authors@nature.com if you have additional queries.